

SEQUENCE LISTING

<110> MedImmune, Inc.

<120> DIAGNOSIS OF PRE-CANCEROUS CONDITIONS USING PCDGF AGENTS

<130> 10271-131-228

<140> To be assigned

<141>

<150> 60/489,035

<151> 2003-07-21

<160> 44

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 19

<212> PRT

<213> Homo sapiens

<220>

<223> an epitope in a PCDGF K19T peptide

<400> 1

Lys	Lys	Val	Ile	Ala	Pro	Arg	Arg	Leu	Pro	Asp	Pro	Gln	Ile	Leu	Lys
1				5				10						15	
Ser	Asp	Thr													

<210> 2

<211> 14

<212> PRT

<213> Homo Sapiens

<220>

<223> S14R peptide

<400> 2

Ser	Ala	Arg	Gly	Thr	Lys	Cys	Leu	Arg	Lys	Lys	Ile	Pro	Arg
1				5				10					

<210> 3

<211> 19

<212> PRT

<213> Homo sapiens

<220>

<223> E19V peptide

<400> 3

Glu	Lys	Ala	Pro	Ala	His	Leu	Ser	Leu	Pro	Asp	Pro	Gln	Ala	Leu	Lys
1				5				10						15	
Arg	Asp	Val													

<210> 4
<211> 15
<212> PRT
<213> Homo sapiens

<220>
<223> linker sequences inserted between identical VH and VL domains

<400> 4
Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser
1 5 10 15

<210> 5
<211> 15
<212> PRT
<213> Homo sapiens

<220>
<223> linker sequences inserted between identical VH and VL domains

<400> 5
Glu Ser Gly Arg Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser
1 5 10 15

<210> 6
<211> 14
<212> PRT
<213> Homo sapiens

<220>
<223> linker sequences inserted between identical VH and VL domains

<400> 6
Glu Gly Lys Ser Ser Gly Ser Gly Ser Glu Ser Lys Ser Thr
1 5 10

<210> 7
<211> 15
<212> PRT
<213> Homo sapiens

<220>
<223> linker sequences inserted between identical VH and VL domains

<400> 7
Glu Gly Lys Ser Ser Gly Ser Gly Ser Glu Ser Lys Ser Thr Gln
1 5 10 15

<210> 8
<211> 14
<212> PRT
<213> Homo sapiens

<220>
<223> linker sequences inserted between identical VH and VL domains

<400> 8

Glu Gly Lys Ser Ser Gly Ser Gly Ser Glu Ser Lys Val Asp
1 5 10

<210> 9

<211> 14

<212> PRT

<213> Homo sapiens

<220>

<223> linker sequences inserted between identical VH and VL domains

<400> 9

Gly Ser Thr Ser Gly Ser Gly Lys Ser Ser Glu Gly Lys Gly
1 5 10

<210> 10

<211> 18

<212> PRT

<213> Homo sapiens

<220>

<223> linker sequences inserted between identical VH and VL domains

<400> 10

Lys Glu Ser Gly Ser Val Ser Ser Glu Gln Leu Ala Gln Phe Arg Ser
1 5 10 15
Leu Asp

<210> 11

<211> 16

<212> PRT

<213> Homo sapiens

<220>

<223> linker sequences inserted between identical VH and VL domains

<400> 11

Glu Ser Gly Ser Val Ser Ser Glu Glu Leu Ala Phe Arg Ser Leu Asp
1 5 10 15

<210> 12

<211> 4

<212> PRT

<213> Homo sapiens

<220>

<223> localization signal used to direct intrabody to endoplasmic reticulum

<400> 12

Lys Asp Glu Leu
1

<210> 13

<211> 4
<212> PRT
<213> Homo sapiens

<220>
<223> localization signal used to direct intrabody to endoplasmic reticulum

<400> 13
Asp Asp Glu Leu
1

<210> 14
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<212> PRT
<213> Homo sapiens

<220>
<223> localization signal used to direct intrabody to endoplasmic reticulum

<400> 14
Asp Glu Glu Leu
1

<210> 15
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<220>
<223> localization signal used to direct intrabody to endoplasmic reticulum

<400> 15
Gln Glu Asp Leu
1

<210> 16
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<212> PRT
<213> Homo sapiens

<220>
<223> localization signal used to direct intrabody to endoplasmic reticulum

<400> 16
Arg Asp Glu Leu
1

<210> 17
<211> 7
<212> PRT
<213> Homo sapiens

<220>
<223> localization signal used to direct intrabody to nucleus

<400> 17

Pro Lys Lys Lys Arg Lys Val
1 5

<210> 18
<211> 7
<212> PRT
<213> Homo sapiens

<220>
<223> localization signal used to direct intrabody to nucleus

<400> 18
Pro Gln Lys Lys Ile Lys Ser
1 5

<210> 19
<211> 5
<212> PRT
<213> Homo sapiens

<220>
<223> localization signal used to direct intrabody to nucleus

<400> 19
Gln Pro Lys Lys Pro
1 5

<210> 20
<211> 4
<212> PRT
<213> Homo sapiens

<220>
<223> localization signal used to direct intrabody to nucleus

<400> 20
Arg Lys Lys Arg
1

<210> 21
<211> 5
<212> PRT
<213> Homo sapiens

<220>
<223> localization signal used to direct intrabody to nucleus

<400> 21
Lys Lys Lys Arg Lys
1 5

<210> 22
<211> 12
<212> PRT
<213> Homo sapiens

<220>

<223> localization signal used to direct intrabody to nucleolar region

<400> 22

Arg Lys Lys Arg Arg Gln Arg Arg Arg Ala His Gln
1 5 10

<210> 23

<211> 16

<212> PRT

<213> Homo sapiens

<220>

<223> localization signal used to direct intrabody to nucleolar region

<400> 23

Arg Gln Ala Arg Arg Asn Arg Arg Arg Arg Trp Arg Glu Arg Gln Arg
1 5 10 15

<210> 24

<211> 19

<212> PRT

<213> Homo sapiens

<220>

<223> localization signal used to direct intrabody to nucleolar region

<400> 24

Met Pro Leu Thr Arg Arg Arg Pro Ala Ala Ser Gln Ala Leu Ala Pro
1 5 10 15
Pro Thr Pro

<210> 25

<211> 15

<212> PRT

<213> Homo sapiens

<220>

<223> localization signal used to direct intrabody to endosomal compartment

<400> 25

Met Asp Asp Gln Arg Asp Leu Ile Ser Asn Asn Glu Gln Leu Pro
1 5 10 15

<210> 26

<211> 32

<212> PRT

<213> Homo sapiens

<220>

<223> localization signal used to direct intrabody to mitochondrial matrix

<220>

<221> VARIANT

<222> 7, 8, 32

<223> Xaa = Any Amino Acid

<400> 26

Met	Leu	Phe	Asn	Leu	Arg	Xaa	Xaa	Leu	Asn	Asn	Ala	Ala	Phe	Arg	His
1				5				10					15		
Gly	His	Asn	Phe	Met	Val	Arg	Asn	Phe	Arg	Cys	Gly	Gln	Pro	Leu	Xaa
		20						25					30		

<210> 27

<211> 3

<212> PRT

<213> Homo sapiens

<220>

<223> localization signal used to direct intrabody to peroxisome

<400> 27

Ala	Lys	Leu
1		

<210> 28

<211> 6

<212> PRT

<213> Homo sapiens

<220>

<223> localization signal used to direct intrabody to trans golgi network

<400> 28

Ser	Asp	Tyr	Gln	Arg	Leu
1				5	

<210> 29

<211> 8

<212> PRT

<213> Homo sapiens

<220>

<223> localization signal used to direct intrabody to plasma membrane

<400> 29

Gly	Cys	Val	Cys	Ser	Ser	Asn	Pro
1				5			

<210> 30

<211> 8

<212> PRT

<213> Homo sapiens

<220>

<223> localization signal used to direct intrabody to plasma membrane

<400> 30

Gly	Gln	Thr	Val	Thr	Thr	Pro	Leu
1				5			

<210> 31
<211> 8
<212> PRT
<213> Homo sapiens

<220>
<223> localization signal used to direct intrabody to plasma membrane

<400> 31
Gly Gln Glu Leu Ser Gln His Glu
1 5

<210> 32
<211> 8
<212> PRT
<213> Homo sapiens

<220>
<223> localization signal used to direct intrabody to plasma membrane

<400> 32
Gly Asn Ser Pro Ser Tyr Asn Pro
1 5

<210> 33
<211> 8
<212> PRT
<213> Homo sapiens

<220>
<223> localization signal used to direct intrabody to plasma membrane

<400> 33
Gly Val Ser Gly Ser Lys Gly Gln
1 5

<210> 34
<211> 8
<212> PRT
<213> Homo sapiens

<220>
<223> localization signal used to direct intrabody to plasma membrane

<400> 34
Gly Gln Thr Ile Thr Thr Pro Leu
1 5

<210> 35
<211> 8
<212> PRT
<213> Homo sapiens

<220>
<223> localization signal used to direct intrabody to plasma membrane

<400> 35

Gly Gln Thr Leu Thr Thr Pro Leu
1 5

<210> 36
<211> 8
<212> PRT
<213> Homo sapiens

<220>
<223> localization signal used to direct intrabody to plasma membrane

<400> 36
Gly Gln Ile Phe Ser Arg Ser Ala
1 5

<210> 37
<211> 8
<212> PRT
<213> Homo sapiens

<220>
<223> localization signal used to direct intrabody to plasma membrane

<400> 37
Gly Gln Ile His Gly Leu Ser Pro
1 5

<210> 38
<211> 8
<212> PRT
<213> Homo sapiens

<220>
<223> localization signal used to direct intrabody to plasma membrane

<400> 38
Gly Ala Arg Ala Ser Val Leu Ser
1 5

<210> 39
<211> 8
<212> PRT
<213> Homo sapiens

<220>
<223> localization signal used to direct intrabody to plasma membrane

<400> 39
Gly Cys Thr Leu Ser Ala Glu Glu
1 5

<210> 40
<211> 16
<212> PRT
<213> Homo sapiens

<220>

<223> membrane permeable sequence

<400> 40

Ala Ala Val Ala Leu Leu Pro Ala Val Leu Leu Ala Leu Leu Ala Pro
1 5 10 15

<210> 41

<211> 12

<212> PRT

<213> Homo sapiens

<220>

<223> membrane permeable sequence

<400> 41

Ala Ala Val Leu Leu Pro Val Leu Leu Ala Ala Pro
1 5 10

<210> 42

<211> 15

<212> PRT

<213> Homo sapiens

<220>

<223> membrane permeable sequence

<400> 42

Val Thr Val Leu Ala Leu Gly Ala Leu Ala Gly Val Gly Val Gly
1 5 10 15

<210> 43

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> antisense molecule directed to PCDGF

<400> 43

gggtccacat ggtctgcctg c

21

<210> 44

<211> 24

<212> DNA

<213> Artificial Sequence

<220>

<223> antisense molecule directed to PCDGF

<400> 44

gccaccagcc ctgctgttaa ggcc

24